

## SEQUENCE LISTING

<110> Garvan Institute of Medical Research  
<120> Method for inducing mammary epithelial cell differentiation  
<130> 501746/JEP  
<150> US 60/413,978  
<151> 2002-09-25  
<160> 29  
<170> PatentIn version 3.1  
<210> 1  
<211> 13  
<212> PRT  
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Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro  
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<210> 2  
<211> 30  
<212> PRT  
<213> Homo sapiens

<400> 2

Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro His Ala Val  
1 5 10 15

Gly Asn His Arg Ser Phe Ser Asp Lys Asn Gly Leu Thr Ser  
20 25 30

<210> 3  
<211> 29  
<212> PRT  
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<400> 3

Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro His Ala Leu  
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Asp Ser His Arg Ser Phe Gln Asp Lys His Gly Leu Ala  
20 25

2/10

<210> 4  
<211> 29  
<212> PRT  
<213> Sus scrofa

<400> 4

Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro His Ala Ile  
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Asp Asn His Arg Ser Phe His Asp Lys Tyr Gly Leu Ala  
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<210> 5  
<211> 29  
<212> PRT  
<213> Rattus rattus

<400> 5

Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro His Ala Ile  
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Asp Asn His Arg Ser Phe Ser Asp Lys His Gly Leu Thr  
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Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro His Ala Val  
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Asn His Arg Ser Phe Ser Asp Lys Asn Gly Leu Thr Ser  
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<210> 7  
<211> 123  
<212> PRT  
<213> Homo sapiens

<400> 7

Met Ala Arg Gly Ser Ala Leu Leu Leu Ala Ser Leu Leu Leu Ala Ala  
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Ala Leu Ser Ala Ser Ala Gly Leu Trp Ser Pro Ala Lys Glu Lys Arg  
 20 25 30

Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro His Ala Val  
 35 40 45

Gly Asn His Arg Ser Phe Ser Asp Lys Asn Gly Leu Thr Ser Lys Arg  
 50 55 60

Glu Leu Arg Pro Glu Asp Asp Met Lys Pro Gly Ser Phe Asp Arg Ser  
 65 70 75 80

Ile Pro Glu Asn Asn Ile Met Arg Thr Ile Ile Glu Phe Leu Ser Phe  
 85 90 95

Leu His Leu Lys Glu Ala Gly Ala Leu Asp Arg Leu Leu Asp Leu Pro  
 100 105 110

Ala Ala Ala Ser Ser Glu Asp Ile Glu Arg Ser  
 115 120

<210> 8  
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 <213> Bos taurus

<400> 8

Met Pro Arg Gly Ser Val Leu Leu Leu Ala Ser Leu Leu Leu Ala Ala  
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Ala Leu Ser Ala Thr Leu Gly Leu Gly Ser Pro Val Lys Glu Lys Arg  
 20 25 30

Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro His Ala Leu  
 35 40 45

Asp Ser His Arg Ser Phe Gln Asp Lys His Gly Leu Ala Gly Lys Arg  
 50 55 60

Glu Leu Glu Pro Glu Asp Glu Ala Arg Pro Gly Ser Phe Asp Arg Pro  
 65 70 75 80

Leu Ala Glu Asn Asn Val Val Arg Thr Ile Ile Glu Phe Leu Thr Phe  
 85 90 95

Leu His Leu Lys Asp Ala Gly Ala Leu Glu Arg Leu Pro Ser Leu Pro  
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Thr Ala Glu Ser Ala Glu Asp Ala Glu Arg Ser  
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<210> 9  
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<400> 9

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Ala Leu Ser Ala Thr Leu Gly Leu Gly Ser Pro Val Lys Glu Lys Arg  
 20 25 30

Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro His Ala Ile  
 35 40 45

Asp Asn His Arg Ser Phe His Asp Lys Tyr Gly Leu Ala Gly Lys Arg  
 50 55 60

Glu Leu Glu Pro Glu Asp Glu Ala Arg Pro Gly Gly Phe Asp Arg Leu  
 65 70 75 80

Gln Ser Glu Asp Lys Ala Ile Arg Thr Ile Met Glu Phe Leu Ala Phe  
 85 90 95

Leu His Leu Lys Glu Ala Gly Ala Leu Gly Arg Leu Pro Gly Leu Pro  
 100 105 110

Ser Ala Ala Ser Ser Glu Asp Ala Gly Gln Ser  
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<210> 10  
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<400> 10

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20 25 30  
 Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Pro Val Leu His  
 35 40 45  
 Leu Pro Gln Met Gly Asp Gln Asp Gly Lys Arg Glu Thr Ala Leu Glu  
 50 55 60  
 Ile Leu Asp Leu Trp Lys Ala Ile Asp Gly Leu Pro Tyr Ser His Pro  
 65 70 75 80  
 Pro Gln Pro Ser Lys Arg Asn Val Met Glu Thr Phe Ala Lys Pro Glu  
 85 90 95  
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 100 105 110  
 Val Leu Lys Ser  
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<210> 11  
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<400> 11

Ala Pro Ala His Arg Gly Arg Gly Gly Trp Thr Leu Asn Ser Ala Gly  
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 Tyr Leu Leu Gly Pro Val Leu His Leu Pro Gln Met Gly Asp Gln Asp  
 20 25 30  
 Gly Lys Arg Glu Thr Ala Leu Glu Ile Leu Asp Leu Trp Lys Ala Ile  
 35 40 45  
 Asp Gly Leu Pro Tyr Ser His Pro Pro Gln Pro Ser  
 50 55 60

<210> 12  
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 <213> Sus scrofa

<400> 12

Ala Pro Val His Arg Gly Arg Gly Gly Trp Thr Leu Asn Ser Ala Gly  
 1 5 10 15

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                   20                  25                  30

Gly Lys Gly Lys Thr Ala Leu Gly Ile Leu Asp Leu Trp Lys Ala Ile  
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Asp Gly Leu Pro Tyr Pro Gln Ser Gln Leu Ala Ser  
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<210> 13  
 <211> 60  
 <212> PRT  
 <213> Rattus rattus

<400> 13

Ala Pro Ala His Arg Gly Arg Gly Gly Trp Thr Leu Asn Ser Ala Gly  
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Tyr Leu Leu Gly Pro Val Leu His Leu Ser Ser Lys Ala Asn Gly Gly  
                   20                  25                  30

Arg Lys Thr Asp Ser Ala Leu Glu Ile Leu Asp Leu Trp Lys Ala Ile  
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Asp Gly Leu Arg Tyr Ser Arg Ser Pro Arg Met Thr  
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<400> 14

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cccgccaccg caccgggacc ccgacgctcc gaacccggggc gcagccgcag ctcaagatgg	180
cccgaggcag cgccctcctt ctgcctctcc tctcctcgc cgcggccctt tctgcctctg	240
cggggctctg gtcgcccggc aaggaaaaac gaggctggac cctgaacagc gcgggctacc	300
tgctgggccc acatgccgtt ggcaaccaca ggatcattcag cgacaagaat ggcctcacca	360
gcaagcggga gctgcccggc gaagatgaca tgaaaccagg aagctttgac aggtccatac	420
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gataatggat aatcttcggc caatttatgc agagtcagcc attcctgttc tctttgcctt 660
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<210> 15  
 <211> 675  
 <212> DNA  
 <213> Bos taurus

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tccctgtgtc acgcgcagtc gtgctcccag gaggatgcc atcgcgatggc aaccgccccca 600
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<210> 16  
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 <213> Sus scrofa

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<400> 16
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ggaccogctg gcacccgggg accccctggc atctcagacc cgcgcacccc cggggcccgc 180
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gcgcctcct gctggcctcc ctactcctcg cttcggccct ttcagccacc ctggggctcg 300
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cacatgccat cgacaaccac agatcattcc acgacaagta tggccttgct ggcaagcggg 420  
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aagccatacg cagcataatg gagtttcttg ctttcttgca tctcaaagag gcgggggccc 540  
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agcgaaggca gcgtaaccac ccctgtcgtc cctgcccagt gctgtgttgc tgtggtgtca 720  
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<400> 18  
agcacaggac acacgtgcac 20

<210> 19  
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<400> 19  
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<210> 20  
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<400> 20  
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<210> 22  
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<400> 22  
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<210> 23  
<211> 23  
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<400> 23  
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<210> 24  
<211> 22  
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<220>  
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<400> 24  
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<210> 25  
<211> 23  
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<400> 25

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23

<210> 26

<211> 24

<212> DNA

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<400> 26

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<210> 28

<211> 21

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<400> 28

gtagctgcag gctcaggttc c

21

<210> 29

<211> 22

<212> DNA

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<223> Artificial sequence

<400> 29

gtggccgtgg tgagcctggc ct

22